

PATENT
450100-02913**IN THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (currently amended) A digital photographing apparatus, portably structured, for recording a photographed digital picture signal to a recording medium and reproducing a digital picture signal from the recording medium, comprising:

photographing means for photographing a picture and outputting a picture signal;

signal processing means for processing the picture signal supplied from said

photographing means to produce a digital picture signal;

position information obtaining means for obtaining position information, the position information including global position information;

displaying means for displaying the digital picture signal supplied from said signal processing means;

recording means for writing to the recording medium ~~said data~~ comprising data relating to both the digital picture signal supplied from said signal processing means and the position information supplied from said position information obtaining means, said digital picture signal being recorded as a picture file and said position information being recorded as a position information file, said recording means associating data relating to the digital picture signal and data relating to the position information;

reproducing means for reproducing the digital picture signal and the position information from the recording medium;

00331011

PATENT
450100-02913

map information obtaining means for obtaining map information comprising range information defining a set of boundary points of a map, thereby enabling a user of the digital photographing apparatus to choose a part of the map using the range information;

table creating means for creating a table that associates the position information file with said map information and said picture file; and

controlling means for referencing the table to display on said ~~display~~ displaying means an icon corresponding to the position information on a part of the map chosen by the user, the controlling means operable to determine the number of icons in the part of the map chosen by the user, determine the icon closest to the center of the part of the map chosen by the user, change at least one attribute of the icon closest to said center, and allow the user to decide whether the icon closest to said center of the part of the map chosen by the user is the desired icon;

and

wherein the table creating means creates the table using at least one position information file, the table indicating correspondence relation between the obtained position information and the picture file; and

whereby when the user decides that the icon closest to said center is the desired icon a picture from the picture file, at a location corresponding to said icon, is displayed .

2. (canceled)

3. (canceled)

PATENT
450100-02913

4. (previously presented) The digital photographing apparatus as set forth in claim 1,
wherein the position information is position information of a position at which the
picture is captured.

5. (previously presented) The digital photographing apparatus as set forth in claim 4, further
comprising:

position measuring means for obtaining the position information of the position at
which the picture is captured.

6. (previously presented) The digital photographing apparatus as set forth in claim 1,
wherein the map information is obtained from the same recording medium as that
of which the a digital picture signal and position information are reproduced from.

7. (previously presented) The digital photographing apparatus as set forth in claim 1,
wherein the map information contains range information that represents a range of
the map to be displayed along with map data.

8. (previously presented) The digital photographing apparatus as set forth in claim 7,
wherein an icon corresponding to the position information within the range of the
map is displayed by referencing the range information.

9. (Cancelled).

00331011

PATENT
450100-02913

10. (Currently Amended) The digital photographing apparatus as set forth in ~~claim 9~~ claim 1,
wherein a selection range for selecting an icon is set at a part of the map
displayed, and the selection of the icon is automatically performed if the icon is positioned in the
selection range.

11. (previously presented) The digital photographing apparatus as set forth in claim 10,
wherein the apparatus is configured to enlarge or reduce the displayed map in
response to a user's operation, and change the position of the icon in response to the enlargement
or reduction of the displayed map.

12. (previously presented) The digital photographing apparatus as set forth in claim 10,
wherein the apparatus is configured to scroll the displayed map in response to a
user's operation, and change the position of the icon in response to the scroll of the displayed
map.

13. (currently amended) A digital photographing apparatus, portably structured, for recording a
photographed digital picture signal to a recording medium and reproducing a digital picture
signal from the recording medium, comprising:

photographing means for photographing a picture and outputting a picture signal;

signal processing means for processing the picture signal supplied from said

photographing means to produce a digital picture signal ;

position information obtaining means for obtaining position information, the

position information including global position information;

00331011

PATENT
450100-02913

displaying means for displaying the digital picture signal supplied from said signal processing means;

recording means for writing to the recording medium ~~said~~ data comprising data relating to both the digital picture signal supplied from said signal processing means and the position information supplied from said position information obtaining means, said digital picture signal being recorded as a picture file and said position information being recorded as a position information file, said recording means further comprising linking means for linking data relating to the digital picture signal and data relating to the position information;

reproducing means for reproducing the digital picture signal and the position information from the recording medium;

map information obtaining means for obtaining map information comprising range information defining a set of boundary points of a map, thereby enabling a user of the digital photographing apparatus to choose a part of the map using the range information;

table creating means for creating a table that associates the position information file with said map information and said picture file; and

controlling means for referencing the table to display on said ~~display~~ displaying means an icon corresponding to the position information on a part of the map chosen by the user the controlling means being operable to determine the number of icons in the part of the map chosen by the user, determine the icon closest to the center of the part of the map chosen by the user, and change at least one attribute of the icon closest to said center;

wherein the controlling means is operative to display on the display means, together with the map, an icon corresponding to respective items of the position information;

PATENT
450100-02913

map scroll means for scrolling the displayed map in response to a user's operation; and

icon selection means for selecting from icons displayed with the map, the selection of an icon being performed if the icon is positioned on the part of the map chosen by the user which is within a selection range, the selection range being set with respect to a screen area of the displaying means;

whereby upon selection of an icon a picture from the picture file, at a location corresponding to said icon, is displayed.

14. (currently amended) A camera for recording a digital picture signal to a recording medium and reproducing a digital picture signal from the recording medium, comprising:

an imaging device for capturing a picture and outputting a picture signal;

signal processor for processing the picture signal supplied from the imaging device to produce a digital picture signal;

a position information detector for obtaining position information, the position information including global position information;

a display for displaying the digital picture signal supplied from the signal processor;

a recording section for writing to the recording medium ~~said data~~ comprising data relating to both the digital picture signal supplied from the signal processor and the position information supplied from the position information detector, said digital picture signal being recorded as a picture file and said position information being recorded as a position information

PATENT
450100-02913

file, said recording means further comprising linking means for linking data relating to the digital picture signal and data relating to the position information;

a reproducing section for reproducing the digital picture signal and the position information from the recording medium;

a map information obtaining section for obtaining map information comprising range information defining a set of boundary points of a map, thereby enabling a user of the digital photographing apparatus to choose a part of the map using the range information;

a table creating section for creating a table that associates the position information file with said map information and said picture file; and

a controller for referencing the table to display on said display an icon corresponding to the position information on a part of the map chosen by the user the controller being operable to determine the number of icons in the part of the map chosen by the user, determine the icon closest to the center of the part of the map chosen by the user, change at least one attribute of the icon closest to said center, and allow the user to decide whether the icon closest to the center of the part of the map chosen by the user is the desired icon;

and

wherein the table creating section creates the table using at least one position information file, the table indicating correspondence relation between the obtained position information and the picture file; and

whereby the table for the reproduced position information facilitates efficient performance of the camera;

and whereby when the user decides that the icon closest to said center is a picture from the picture file, at a location corresponding to said icon, is displayed.